

Applicant: Szajdecki et al.
Application No.: Unassigned
Filing Date: Herewith
Docket No.: 1387-9 PCT/US
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A. Amendments to the Specification:

- (1) Please add the following immediately after the title of the invention:

CROSS-REFERENCE TO RELATED APPLICATIONS:

This application is the National Stage of International Application No. PCT/PL03/00004, filed January 16, 2003, which claims the benefit of Polish Patent Application No. P-351779, filed January 18, 2002, the contents of which is incorporated by reference herein.

- (2) Please amend the section description "TECHNICAL FIELD" on page 1, as follows:

~~TECHNICAL FIELD~~ BACKGROUND OF THE INVENTION

- (3) Immediately after the above-mentioned "BACKGROUND OF THE INVENTION" on page 1, please add the following new paragraph, as follows:

1. Field of the Invention

- (4) Please amend the first paragraph on page 1 of the international application, which begins with "The invention relates to", as follows:

The present invention relates to a device for storing information with logically separated areas and a method for dividing space for data storing.

- (5) Please delete section description "BACKGROUND ART" on page 1, as follows:

~~BACKGROUND ART~~

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(6) Please add the following new paragraph immediately prior to the second full paragraph on page 1 which begins with "The most common devices for storing data", as follows:

2. Brief Description of the Background of the Invention Including Prior Art

(7) Please amend the section description "DISCLOSURE OF INVENTION" on page 2, as follows:

DISCLOSURE SUMMARY OF THE INVENTION

(8) Immediately prior the first paragraph on page 1, which begins with "According to the present invention", please add the following new paragraphs:

1. Purposes of the Invention

It is an object of this invention to provide a device and a method for economically storing information.

This and other objects and advantages of the present invention will become evident from the description, which follows.

2. Brief Description of the Invention

(9) Please add the following new paragraph immediately prior to the section header of "BRIEF DESCRIPTION OF DRAWINGS" on page 3, as follows:

The novel features which are considered as characteristic for the invention are set forth in the appended claims. The invention itself, however, both as to its construction and its method of operation, together with additional objects and advantages thereof, will be best understood from the following description of specific embodiments when read in connection with the accompanying drawings.

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(10) Please amend the section description of "BRIEF DESCRIPTION OF DRAWINGS" on page 3, as follows:

BRIEF DESCRIPTION OF THE DRAWINGS

(11) Please amend the section description "BEST MODE FOR CARRYING OUT THE INVENTION" on page 3, as follows:

~~BEST MODE FOR CARRYING OUT~~ DETAILED DESCRIPTION OF THE INVENTION AND PREFERRED EMBODIMENTS

(12) Please amend the last paragraph on page 4 which begins with "The gigaccluster represents the maximum", as follows:

The gigaccluster represents the maximum hard disk size as specified in the ATA/ATAPI-5 standard. For disks smaller than 128 GB, gigacclusters are not fully used and areas greater than the disk size are marked as busy. Disks greater than 128 GB contain more gigacclusters 18. The allocation map of the gigaccluster, called the gigamap, 14, 15, 17, is situated in a single sector within the area of the first or last 32767 sectors of the given gigaccluster. The gigaccluster 12, 18 consists of 256 megacclusters positioned on the gigamap 14, 15, 17. Two bytes of the gigamap describe the state of a particular megaccluster and 0x0000 means that the megaccluster is free and its map does not exist, 0x7FFF...0x0001 means that a given megaccluster is fragmented and its megamap is stored in sector 0x00000...0x07FFE of this gigaccluster, and ~~0x7FFF...0x0001~~ 0xFFFFE...0x8000 means that a given megaccluster is fragmented and its megamap is stored in sector 0xF8001...0xFFFFF of this gigaccluster..

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(13) Please add the following new paragraph immediately after the last paragraph on page 6 which ends "...the location of gigamap storage.", as follows:

The preferred embodiments having been thus described, it will now be evident to those skilled in the art that further variations thereto may be contemplated. Such variations are not to be regarded as a departure from the invention, the true scope of the invention being set forth in the claims appended hereto.

(14) Please amend the section description for the claims on the top of page 7, as follows:

WHAT IS CLAIMED IS: ~~CLAIMS~~